UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

22045

7590

10/13/2004

BROOKS KUSHMAN P.C. 1000 TOWN CENTER TWENTY-SECOND FLOOR SOUTHFIELD, MI 48075

| EXAMINER | | | | |
|-------------|--------------|--|--|--|
| TSAI, H JEY | | | | |
| ART UNIT | PAPER NUMBER | | | |

2812

DATE MAILED: 10/13/2004

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/625,992 | 07/24/2003 | Wan-Thai Hsu | UOM 0210 PUSP 1 | 9892 |

TITLE OF INVENTION: METHOD FOR MAKING MICROMECHANICAL STRUCTURES HAVING AT LEAST ONE LATERAL, SMALL GAP THEREBETWE AND MICROMECHANICAL DEVICE PRODUCED THEREBY

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | YES | \$685 | \$300 | \$985 | 01/13/2005 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WIL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check box 5a on Part B - Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.

- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) w your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax

(703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed wh

| appropriate. All further cor indicated unless corrected be maintenance fee notification | pelow or directed otherwise | Patent, advance or in Block 1, by (a) | ders and notification) specifying a new co | of maintenance fees orrespondence address | will be mailed to the current s; and/or (b) indicating a sepa | correspondence address arate "FEE ADDRESS" | |
|---|---|--|--|---|---|--|--|
| CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 22045 7590 10/13/2004 | | | | Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, m have its own certificate of mailing or transmission. | | | |
| BROOKS KUSH 1000 TOWN CEN' TWENTY-SECON SOUTHFIELD, MI | MAN P.C. FER ID FLOOR | | | Ce | rtificate of Mailing or Transhis Fee(s) Transmittal is bein with sufficient postage for fir il Stop ISSUE FEE address PTO (703) 746-4000, on the control of | smission | |
| · | | | | | | (Depositor's na | |
| | | | | | | (Signat | |
| | | | | | | (D | |
| APPLICATION NO. | FILING DATE | | FIRST NAMED INVEN | TOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | |
| 10/625,992 | 07/24/2003 | · | Wan-Thai Hsu | | UOM 0210 PUSP 1 | 9892 | |
| TITLE OF INVENTION: N AND MICROMECHANICA | | | ICAL STRUCTURE | S HAVING AT LEAS | ST ONE LATERAL, SMAL | L GAP THEREBETWE | |
| APPLN. TYPE | SMALL ENTITY | ISSUE FI | EE PU | BLICATION FEE | TOTAL FEE(S) DUE | DATE DUE | |
| nonprovisional | YES | \$685 | | \$300 | \$985 | 01/13/2005 | |
| EXAM | INER | ART UN | IT CI | ASS-SUBCLASS | 7 | | |
| TSAI, | Н ЈЕҮ | 2812 | | 438-048000 | _ | | |
| "Fee Address" indicat PTO/SB/47; Rev 03-02 o Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless | lence address (or Change of 22) attached. ion (or "Fee Address" Indicator more recent) attached. Use RESIDENCE DATA TO B an assignee is identified be | Correspondence ation form e of a Customer E PRINTED ON T | (1) the names of u or agents OR, alter (2) the name of a registered attorney 2 registered patent listed, no name with EPATENT (print of that a will appear on the content of the content o | or type) | nt attorneys 1a member a 2nes of up to | document has been filed | |
| recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): | | | | | | oup entity Governm | |
| 4a. The following fee(s) are | | | . Payment of Fee(s): | | | | |
| ☐ Issue Fee | | | A check in the amount of the fee(s) is enclosed. | | | | |
| Publication Fee (No small entity discount permitted) | | | Payment by credit card. Form PTO-2038 is attached. | | | | |
| Advance Order - # of Copies | | | The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number (enclose an extra copy of this form). | | | | |
| 5. Change in Entity Status | | • | | | | | |
| | MALL ENTITY status. See is requested to apply the Issu ublication Fee (if required) y | | | | LL ENTITY status. See 37 C ly paid issue fee to the applica- sistered attorney or agent; or the | | |
| | | | | | | | |
| Authorized Signature Typed or printed name | | | | | | | |
| | | | | = | 1 No | · · · · · · · · · · · · · · · · · · · | |
| I nis collection of informatio an application. Confidentiali submitting the completed ap this form and/or suggestions Box 1450, Alexandria, Virgi | in is required by 37 CFR 1.3 ty is governed by 35 U.S.C. plication form to the USPT for reducing this burden, shing 22313-1450. DO NOT 1450 | 11. The information 122 and 37 CFR 1 O. Time will vary could be sent to the SEND FEES OR C | n is required to obtain 1.14. This collection i depending upon the i Chief Information O COMPLETED FORM | or retain a benefit by s estimated to take 12 ndividual case. Any c fficer, U.S. Patent and S TO THIS ADDRES | the public which is to file (an minutes to complete, includir omments on the amount of ti I Trademark Office, U.S. Dep S. SEND TO: Commissioner | d by the USPTO to proc ng gathering, preparing, myou require to comp artment of Commerce, P for Patents, P.O. Box 14 | |

Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|--------------------|----------------------|------------------------|------------------|
| 10/625,992 07/24/2003 | | Wan-Thai Hsu | UOM 0210 PUSP 1 | 9892 |
| 22045 7590 10/13/2004 | | | EXAM | INER |
| BROOKS KUSHMAN P.C. 1000 TOWN CENTER | | | TSAI, | H JEY |
| TWENTY-SECC | - · - - | | ART UNIT | PAPER NUMBER |
| SOUTHFIELD, 1 | MI 48075 | | 2812 | |
| | | | DATE MAILED: 10/13/200 | 4 |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after t mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a ha months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO. | FILING DATE | | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|----------------------------|-------------|----------|----------------------|---------------------|------------------|
| 10/625,992 | 07/24/2003 | | Wan-Thai Hsu | UOM 0210 PUSP 1 | 9892 |
| 22045 7590 10/13/2004 | | | EXAM | INER | |
| BROOKS KUSHMAN P.C. | | | TSAI, I | ł JEY | |
| 1000 TOWN CE TWENTY-SEC | | t | | ART UNIT | PAPER NUMBER |
| SOUTHFIELD, | MI 48075 | | | 2812 | |

DATE MAILED: 10/13/2004

Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then t amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because some fees w increase effective October 1, 2004. See Revision of Patent Fees for Fiscal Year 2005; Final Rule, 69 Fed. Reg. 5260 52606 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in vie of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processi delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowan is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), t issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedu (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue f now due, then the difference between the issue fee amount at the time the response is filed and the previously-pa issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

By a small entity (Sec. 1.27(a))

\$685.00

| by a small entity (Sec. 1.2/(a)) | \$085.00 |
|--|------------|
| By other than a small entity | \$1,370.00 |
| (b) Issue fee for issuing a design patent: | |

By a small entity (Sec. 1.27(a))

| By a small entity (Sec. | 1.27(a)) | \$245.00 |
|--------------------------|----------|------------|
| By other than a small er | ntity | . \$490.00 |

(c) Issue fee for issuing a plant patent:

| By a small entity (Sec. 1.2' | 7(a))\$330.00 |
|------------------------------|---------------|
| By other than a small entity | y\$660.00 |

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of t Office of Patent Publication at (703) 305-8283.